

DATA SHEET

TMI-Orion Dynamics

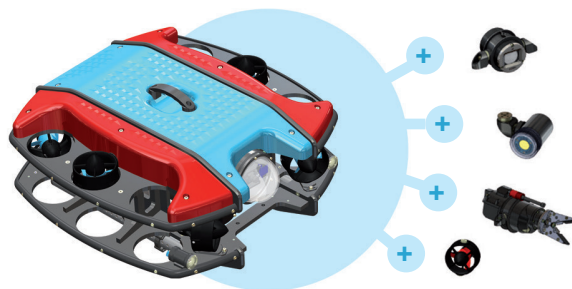
Color IP Camera



Underwater module for video inspection

The Color IP Camera has been specifically designed for underwater inspection and can be retrofitted to TMI-Orion S-ROV and most ROV systems.

- General underwater inspection,
- Diving applications,
- ROV systems,
- Turbid water operations,
- Aquaculture inspection,
- Geosciences...



The Color IP Camera can be added to the S-ROV.

SPECIAL FEATURES

- Light weight and compact housing,
- Rugged and reliable.

TECHNICAL SPECIFICATIONS

| | | |
|-------------------|------------------------------|---|
| Mechanical | Material | Hard anodized aluminium |
| | Depth rating | 300 m |
| | Dimensions | D. 65 mm x l. 95 mm (without connector) |
| | Weight | 1 kg in air 0.9 in fresh water |
| | Operating temperature | From -20°C to +60°C |
| | Storage temperature | From -40°C to +60°C |
| | Port | Sapphire port |



TECHNICAL SPECIFICATIONS

| | | |
|-------------------|---------------------|-------------------------------|
| Optical | Sensor | 1/3' progressive CMOS |
| | Lens | 4.3 mm |
| | Sensitivity | 0.001 Lux |
| | Resolution | 1080 p, 720 p. |
| | Frame rate | 25/30 fps |
| Electrical | Power supply | 10 to 36 Vdc < 1W |
| | Current | 120 mA |
| | Connector | SubConn MCBHRA8M |
| Network | Interface | Ethernet 10-100 M |
| | Protocol | TCP, UDP, HTTP, FTP, DHCP,... |

SOFTWARE AND RELATED PRODUCTS

Monitoring software

The Color IP Camera comes with a monitoring software dedicated to remote operation from TMI-Orion Surface Control Unit (to be ordered separately) or a surface control unit operating with Windows®.

If the Color IP Camera is used with TMI-Orion S-ROV and Surface Control Unit, the monitoring functionalities are integrated in the Surface Control Unit software.

If the Color IP Camera is used with another ROV, it is delivered with a configuration software (follow communication protocol).

Other products

The Color IP Camera can equip the S-ROV or the Electrical Manipulator Arm. Please visit our web site for more information.



Color IP Camera



TMI-Orion Dynamics Surface Control Unit

TMI-Orion Dynamics, SAS
 Parc Bellegarde - Bâtiment A
 1, chemin de Borie
 34170 Castelnau-le-Lez - France
 T.: +33 (0)4 99 52 67 10 – F.: +33 (0)4 99 52 67 19



www.tmi-orion-dynamics.com

USA : TMI-USA, Inc.
 11491 Sunset Hills Road, Suite 310
 Reston, VA 20190 - USA
 T : +1 703 668 0114 – F : +1 703 668 0118

